

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) An isolated nucleic acid molecule selected from the group consisting of:

a) a nucleic acid molecule having comprising a nucleotide sequence which is at least 90% identical to the nucleotide sequence of any of SEQ ID NOS: 51, 52, and the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424 or a complement thereof;

b) a nucleic acid molecule comprising at least 40 nucleotide residues and having a nucleotide sequence identical to at least 40 consecutive nucleotide residues of any of SEQ ID NOS: 51, 52, and the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424, or a complement thereof;

c) a nucleic acid molecule which encodes a polypeptide comprising the amino acid sequence of SEQ ID NO: 53, and the amino acid sequence encoded by the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424;

d) a nucleic acid molecule which encodes a fragment of a polypeptide having the amino acid sequence of SEQ ID NO:53, and the amino acid sequence encoded by the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424,-wherein the fragment comprises at least 15 consecutive amino acid residues of SEQ ID NO: 53, and the amino acid sequence encoded by the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424; and

e) a nucleic acid molecule which encodes a fragment of a polypeptide having the amino acid sequence of SEQ ID NO:53, and the amino acid sequence encoded by the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424, wherein the fragment

comprises consecutive amino acid residues corresponding to at least half of the full length of SEQ ID NO:53, and the amino acid sequence encoded by the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424.

2. (Previously presented) The isolated nucleic acid molecule of claim 1, which is selected from the group consisting of:

a) a nucleic acid having the nucleotide sequence of any of SEQ ID Nos:51, 52, and the nucleotide sequence of the clone deposited as ATCC Accession PTA-424, or a complement thereof; and

b) a nucleic acid molecule which encodes a polypeptide having the amino acid sequence of SEQ ID NO:53 and the amino acid sequence encoded by the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424, or a complement thereof.

3. (Original) The nucleic acid molecule of claim 1, further comprising vector nucleic acid sequences.

4. (Currently amended) The nucleic acid molecule of claim 1 further comprising nucleic acid sequences encoding a ~~non-TANGO405~~ heterologous polypeptide.

5. (Original) A host cell which contains the nucleic acid molecule of claim 1.

6. (Original) The host cell of claim 5 which is a mammalian host cell.

7. (Original) A non-human mammalian host cell containing the nucleic acid molecule of claim 1.

8. (Cancel)

9. (Cancel)

10. (Cancel)

11. (Cancel)

12. (Previously presented) A method for producing a polypeptide selected from the group consisting of:

a) a polypeptide comprising the amino acid sequence of SEQ ID NO:53 and the amino acid sequence encoded by the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424; and

b) a polypeptide comprising a fragment of the amino acid sequence of SEQ ID NO:53 and the amino acid sequence encoded by the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424, wherein the fragment comprises at least 15 contiguous amino acids of SEQ ID NO:53 and the amino acid sequence encoded by the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424;

the method comprising culturing the host cell of claim 5 under conditions in which the nucleic acid molecule is expressed.

13.-30. (Cancel)

31. (Currently amended) The isolated nucleic acid of claim 1, wherein the isolated nucleic acid comprises a portion having of the nucleotide sequence SEQ ID NO:52.

32.- 43. (Cancel)

44. (Currently amended) A method for producing a polypeptide encoded by a nucleic acid molecule of claim 1, comprising

culturing the host cell of claim 5 under conditions in which the nucleic acid molecule is expressed.

45. (Previously presented) The isolated nucleic acid molecule according to claim 1, wherein the nucleic acid comprises at least 600 consecutive nucleotide residues and having a nucleotide sequence identical to at least 600 consecutive residues of SEQ ID NOS: 51, 52 or the nucleic acid sequence of the clone deposited as ATCC Accession number PTA-424.

46. (Previously presented) The isolated nucleic acid molecule according to claim 1, wherein the nucleic acid encodes a fragment of a polypeptide having the amino acid sequence of SEQ ID NO: 53 or the amino acid sequence encoded by the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424, wherein the fragment comprises at least 200 consecutive amino acid residues of SEQ ID NO:53 or the amino acid sequence encoded by the nucleotide sequence of the clone deposited as ATCC Accession number PTA-424.